



COMMONWEALTH of VIRGINIA

DEPARTMENT OF HEALTH

OFFICE OF DRINKING WATER

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To: All Certified Laboratories Reporting Drinking Water Results to ODW

REPORTING MPN RESULTS

Raw water monitoring is required as part of the Virginia Department of Health, Office of Drinking Water (ODW)'s continuing efforts in evaluating whether a groundwater source is directly under the influence of surface water (GUDI), and whether disinfection treatment alone is sufficient to protect public health. GUDI sources are defined by water beneath the surface of the ground with significant occurrence of insects, microorganisms, algae, or large-diameter pathogens such as *Giardia lamblia* or *Cryptosporidium*.

The required test method for raw groundwater sources monitoring is a method yielding a Most Probable Number (MPN) result for both Total Coliform and *E. coli*. If results of routine raw water monitoring indicate Total Coliform greater than 50 colonies per 100 ml in two or more samples collected during any running 6 calendar month review and evaluation period, additional water quality monitoring is needed to determine if disinfection treatment alone is sufficient. **Laboratories providing an MPN result for the raw groundwater sources monitoring must report any MPN results that indicate a Total Coliform result greater than 50 colonies per 100 ml, or any positive E.Coli result, to the appropriate field office within 24 hours.** Field office phone and fax numbers are given below:

(1) Abingdon Field Office
454 East Main Street
Abingdon, VA 24210
Phone: (276) 676-5650
Fax: (276) 676-5659

(2) Lexington Field Office
131 Walker Street
Lexington, VA 24450
Phone: (540) 463-7136
Fax: (540) 463-3892

(2) Southeast Virginia Field Office
830 Southampton Avenue, Room 2058
Norfolk, VA 23510
Phone: (757) 683-2000
Fax: (757) 683-2007

(4) East Central Field Office
300 Turner Road
Richmond, VA 23225
Phone: (804) 674-2880
Fax: (804) 674-2815

(5) Danville Field Office
211 Nor Dan Drive, Suite 1040
Danville, VA 24540
Phone: (434) 836-8416
Fax: (434) 836-8424

(6) Culpeper Field Office
400 South Main Street - 2nd Floor
Culpeper, VA 22701-3318
Phone: (540) 829-7340
Fax: (540) 829-7337

For more information on raw water monitoring, please see Virginia Waterworks Regulations 12VAC5-590-430: Determination of surface water influence of groundwater sources.